ABSTRACT

The present invention relates to a method of inhibiting matrix metalloproteinases using compounds that are dibenzofuran sulfonamide derivatives having the Formula I

$$R^{2} \xrightarrow{I}_{X} \stackrel{O}{\underset{R^{4}}{|}} \stackrel{O}{\underset{M}{|}} = 0$$

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More particularly, the present invention relates to a method of treating diseases in which matrix metalloproteinases are involved such as multiple sclerosis, atherosclerotic plaque rupture, restenosis, aortic aneurism, heart failure, periodontal disease, corneal ulceration, burns, decubital ulcers, chronic ulcers or wounds, cancer metastasis, tumor angiogenesis, arthritis, or other autoimmune or inflammatory diseases dependent upon tissue invasion by leukocytes.